

Rec'd PCT/PTO 26 JAN 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
12 February 2004 (12.02.2004)

PCT

(10) International Publication Number
WO 2004/013754 A3

(51) International Patent Classification⁷: G06F 9/445, 1/22, 9/44 [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(21) International Application Number: PCT/IB2003/003240

(22) International Filing Date: 16 July 2003 (16.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 0217708.7 31 July 2002 (31.07.2002) GB

(71) Applicant (for all designated States except US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): TERRY, Alan, J.

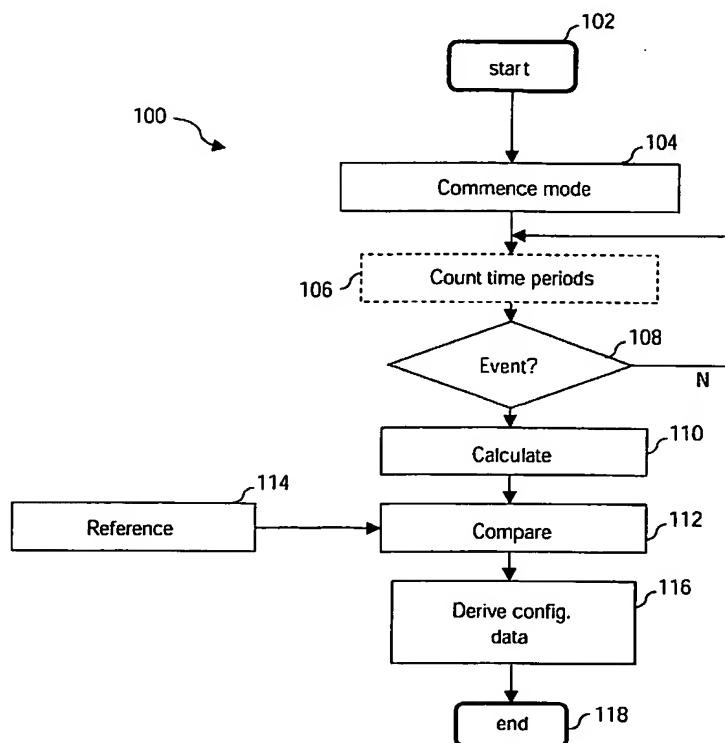
(74) Agent: WHITE, Andrew, G.; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,

[Continued on next page]

(54) Title: OBTAINING CONFIGURATION DATA FOR A DATA PROCESSING APPARATUS



(57) Abstract: A method to obtain configuration data for a data processing apparatus by calculating (110) a time interval between the commencement of a mode (104) and a subsequent event (108). The calculated time interval is then compared (112) with one or more reference values (114). The result of the comparison is used to derive configuration data (116). The method may be further refined by including a calibration stage to reduce the error in the calculated time interval, thereby allowing comparison with a larger set of reference values (114), which in turn permits more configuration data to be derived from the calculated time interval.

WO 2004/013754 A3



SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:

29 December 2004

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G06F9/445 G06F1/22 G06F9/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, IBM-TDB, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 051 622 A (PLEVA ROBERT M) 24 September 1991 (1991-09-24)	1-14,22
X	abstract column 1, line 39 - column 2, line 12 column 1, line 39 - column 2, line 12; figure 2 column 3, line 25 - line 60; figure 3 column 3, line 67 - column 4, line 27; figure 4 -----	15-21
Y	ANONYMOUS: "Pulse Position Filter (PPF)" RESEARCH DISCLOSURE, vol. 42, no. 419, 1 March 1999 (1999-03-01), XP002298153 Havant, UK, article No. 419125 figure 1; table 1 page 1, line 7 - line 15 paragraph '03.2! -----	1-14,22

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

30 September 2004

Date of mailing of the international search report

05/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Dieben, M

INTERNATIONAL SEARCH REPORT

ional Application No

IB 03/03240

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	TEXAS INSTRUMENTS INCORPORATED: "NE555, NE555Y, SA555, SE555, SE555c precision timers" 'Online! 1 February 1992 (1992-02-01), XP002298731 Retrieved from the Internet: URL: http://onlinelearning.tcc.edu/faculty/tcgordp/Egr278Co/555.pdf > 'retrieved on 2004-09-30! page 9 page 10 page 13 -----	15-21
Y		13,14
Y		9
Y		1-5
A	US 5 508 650 A (MOORE BRUCE D ET AL) 16 April 1996 (1996-04-16) abstract -----	13,16

INTERNATIONAL SEARCH REPORT

Information on patent family members

onal Application No

IB 03/03240

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5051622	A	24-09-1991	NONE			
US 5508650	A	16-04-1996	AU EP JP WO	5094796 A 0829137 A1 11502990 T 9631004 A1	16-10-1996 18-03-1998 09-03-1999 03-10-1996	